

19990912.qrp v01_n577.qrl.990912

Date: Sun, 12 Sep 1999 19:03:03 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1577

QRP-L Digest 1577

Topics covered in this issue include:

- 1) [50079] Re: NC20 Output Spectrum Purity
by "Dave Fifield" <fifield@pacbell.net>
- 2) [50080] NC-20
by "Perley Urquhart" <n1yuk@nemaine.com>
- 3) [50081] Search for Obsolete IC
by Thomas Kuehl <ac7a@uswest.net>
- 4) [50082] SPRAT reprints.
by neil <neil@aaade.com>
- 5) [50083] Re: ARRL Handbook 2000 Collector's Edition
by Monte Stark <ku7y@dri.edu>
- 6) [50084] K-2 to K-2
by "Mark Paley" <mpaley@wcnet.org>
- 7) [50085] Re: ARRL Handbook 2000 Collector's Edition
by KD1YV <kd1yv@mindspring.com>
- 8) [50086] Re: Search for Obsolete IC
by "Dan Trigilio" <danjt@cruzio.com>
- 9) [50087] NC20 Spectrum Purity
by "Robert W. Shaw" <lycott@fox.nstn.ca>
- 10) [50088] Open Letter to Al Gritzmacher and QRP-L Group
by mailbox-gaskins <pgaskin@imcnet.net>
- 11) [50089] Mobile Antenna's
by wa8rxi@juno.com
- 12) [50090] Re: ARRL Handbook 2000 Collector's Edition
by Phil Wheeler <w7ox@mindspring.com>
- 13) [50091] RE: ARRL Handbook 2000 Collector's Edition
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 14) [50092] QRP Group(s) In/Near Rocky Mount, NC?
by "Frank Matthews" <fmathews@pilot.infi.net>
- 15) [50093] Re: Search for Obsolete IC
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 16) [50094] Re: Antenna Question
by Robert L Kellogg <ae4ic@nr.infi.net>
- 17) [50095] Re: Any R7000 experts here?
by Ab5wx@aol.com
- 18) [50096] Titantic QRO and QRP Rigs
by "Steve Ray" <sbralr@worldnet.att.net>
- 19) [50097] Re: Antenna Question

- by mwattcpa@earthlink.net (Marty Watt)
- 20) [50098] Re: ARRL Handbook 2000 Collector's Edition
by "Richard Arland" <r_arland@hotmail.com>
- 21) [50099] Re: ARRL Handbook 2000 Collector's Edition
by "Mark Hogan" <mhogan@email.msn.com>
- 22) [50100] CBA qsl buro?
by The Boices <boice@bigfoot.com>
- 23) [50101] OHR-100A
by w2xn@juno.com
- 24) [50102] Re: ARRL Handbook 2000 Collector's Edition
by The Boices <boice@bigfoot.com>
- 25) [50103] Re: CBA qsl buro?
by The Boices <boice@bigfoot.com>
- 26) [50104] TiCK & 2N2/40
by "M. Monninger" <markem@primenet.com>
- 27) [50105] Re: TiCK & 2N2/40
by Phil Wheeler <w7ox@mindspring.com>
- 28) [50106] Re: CBA qsl buro?
by Monte Stark <ku7y@dri.edu>
- 29) [50107] 706 MK2 Mods
by "J. Ervin Bates" <w8erv@msn.com>
- 30) [50108] Re: Antenna Question
by Hal Maney <hmaney@earthlink.net>
- 31) [50109] ZERO BEAT DETECTOR
by "Roy" <ab7ce@email.msn.com>
- 32) [50110] Re: TiCK & 2N2/40
by Phil Wheeler <w7ox@mindspring.com>
- 33) [50111] Re: OHR-100A
by igeq100@iupui.edu
- 34) [50112] Re: TiCK & 2N2/40
by igeq100@iupui.edu
- 35) [50113] ARK40
by kc0bdw@webtv.net (Hal Schlotfeld)
- 36) [50114] OT: Static Electricity dissipation.
by Jim Ek <JIM-EK@worldnet.att.net>
- 37) [50115] RE: 706 MK2 Mods
by "Andreas Junge" <Andreas@atltech.com>
- 38) [50116] Re: TiCK & 2N2/40
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 39) [50117] FS: complete HW-9 station
by DaveLeDuc@aol.com
- 40) [50118] FS: HeatKit HW-8
by wa8rxi@juno.com
- 41) [50119] Re: Static Electricity dissipation.
by "Nick Kennedy" <nkennedy@cswnet.com>
- 42) [50120] Re: Antenna Question
by "Nick Kennedy" <nkennedy@cswnet.com>
- 43) [50121] Re: ARRL Handbook 2000 Collector's Edition

by david fouchey <dafouchey@home.com>
44) [50122] FS Ten-Tec Scout Station - Mint
by "clemens" <clemens@wvwc.edu>
45) [50123] TenTec Pegasus
by George F Franklin <w0av@juno.com>
46) [50124] Re: Antenna Question
by "The One and Only!" <mitch96@pobox.com>
47) [50125] MFJ Tuners
by "Mike Yetsko" <myetsko@insydesw.com>
48) [50126] Re: FS Ten-Tec Scout Station - Mint
by "Roy" <ab7ce@email.msn.com>
49) [50127] Re: 706 MK2 Mods
by "Roy" <ab7ce@email.msn.com>
50) [50128] Re: FS Ten-Tec Scout Station - Mint
by "Mike Yetsko" <myetsko@insydesw.com>
51) [50129] Fw: FS Ten-Tec Scout Station - Mint
by wb2vuo@juno.com
52) [50130] Re: TiCK & 2N2/40
by Phil Wheeler <w7ox@mindspring.com>
53) [50131] Re: more on my fictional vfo
by Bill B Lazure <n2tpa@juno.com>
54) [50132] e-Bay police waste bandwidth
by Bill Cotter <bcotter@pop.uky.edu>
55) [50133] Re: e-Bay police waste bandwidth
by "Vincent Ferme" <vferme@sprint.ca>
56) [50134] Re: e-Bay police waste bandwidth
by "Roy" <ab7ce@email.msn.com>
57) [50135] Re: ARRL Handbook 2000
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
58) [50136] Re: e-Bay police waste bandwidth
by Bob Patten <n4bp@bc.seflin.org>
59) [50137] Re: e-Bay police waste bandwidth
by "Mike Yetsko" <myetsko@insydesw.com>
60) [50138] Re: ARRL Handbook 2000
by Phil Wheeler <w7ox@mindspring.com>
61) [50139] Radio St. Helena Freqs
by osier <osier@northnet.org>
62) [50140] Re: e-Bay police waste bandwidth
by "Ron Smith" <resmith666@uswest.net>
63) [50141] RE: Antenna Question
by "Andreas Junge" <Andreas@atltech.com>
64) [50142] Cheap case for TenTec 1054
by "aluscre" <aluscre@neo.rr.com>
65) [50143] NC20 Output Spectrum Purity
by marklori@visuallink.com
66) [50144] RE: 706 MK2 Mods
by "Andreas Junge" <Andreas@atltech.com>
67) [50145] Help for a DX friend

by RangerSF5@aol.com
68) [50146] Re: more on my fictional vfo
by "Steven Weber" <kd1jv@moose.ncia.net>
69) [50147] Comments
by "Perley Urquhart" <n1yuk@nemaine.com>
70) [50148] FS: Modular Systems Corp (MSC) SCAF "Smart Filter"
by "Tim Cook" <timcook@erinet.com>
71) [50149] Solar Cell 250ma 20 bucks plus shipping
by david varyd <davidvarydofmi@juno.com>
72) [50150] Antenna Question: Tnx for replies
by Gary Slagel <gdslagel@yahoo.com>
73) [50151] RE: Ten-Tec Scout Station - Mint
by REDSBOY@aol.com
74) [50152] VFO Spectral Purity
by astone@erols.com
75) [50153] Re: Comments
by Phil Wheeler <w7ox@mindspring.com>
76) [50154] OFF-TOPIC Re: Radio St. Helena Freqs
by "Vincent Ferme" <vferme@sprint.ca>
77) [50155] Re: ARRL Handbook
by "Vincent Ferme" <vferme@sprint.ca>
78) [50156] Re: K2 screws
by Jeff Logullo <logullo@mindspring.com>
79) [50157] OT - Scanners for PC's
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
80) [50158] First kit for kids?
by Paul Erickson <paule@sfu.ca>
81) [50159] Re: Antenna Question
by mikemo@ibm.net
82) [50160] ATTN. PABLO ROBLES FROM YAUCO,PR.
by RangerSF5@aol.com

Date: Sat, 11 Sep 1999 16:22:00 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: <w7ox@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50079] Re: NC20 Output Spectrum Purity
Message-ID: <010e01befcac\$7313bb40\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, Phil has made a good point. Since BOTH of your rigs apparently have a huge output at 112MHz, it's more likely that the test equipment you are using is faulty, or, maybe you just have a very strong local radio station or beacon or something that's being picked up on by the

test equipment.

The simple test is to reduce the drive level down to about 1Watt. If the 112MHz is still there and doesn't reduce or disappear, then it's not the NC20.

Regards,
Dave Fifield, AD6A

----- Original Message -----

From: Phil Wheeler <w7ox@mindspring.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, September 11, 1999 3:25 PM
Subject: Re: NC20 Output Spectrum Purity

>
>
> "Robert W. Shaw" wrote:
> >
> > I lent my NC20 to a friend with a spectrum analyser, and he measured his
> > and my NC20 outputs. At first they looked pretty clean (i.e. the 2nd, 3rd
> > harmonic etc.), but the 8th harmonic is only about 3db below the
> > fundamental, the 9th a bit higher still, and the 10th again about 3 db
> > down!!! Now we're nearing the 2 meter band! Has anybody else checked this
> > out, and what to do about it?
> >
>
> This is incredibly unlikely, even without a lowpass filter. If the
> output were a square wave, I believe harmonics 8, 9, and 10 would be
> lower than that, without filtering. Something very strange is
> happening! An oscillating final? A defective spectrum analyzer?
>
> > I would have thought that harmonics that far out would be very easily
> > suppressed with a simple filter. Perhaps the present filter addresses only
> > the lower harmonics.
>
> An LPF should suppress higher harmonics even more than lower harmonics.
>
> Phil
>

Date: Sat, 11 Sep 1999 19:38:41 -0400
From: "Perley Urquhart" <n1yuk@nemaine.com>
To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [50080] NC-20
Message-ID: <004001befcae\$c830c120\$357461ce@urquhart>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And mine was the one with all the problems!! All caused by my ignorance in building! I didn't know that the components were supposed to be installed down flat on the board!! Had them all up in the air by a half inch. Also, didn't know how to count turns on toroids - (never done it before!). Got an education there. One thing I'll say (again) - Dave Fifield is a gentleman of the finest water when it comes to these little rigs. He tinkered with my little 20 for days and days. When most people would have pulled their hair out, he kept going! I even invited him to throw it in the trash can and forget it. He kept going, until he had it fixed. Took a turn off ALL the toroids. Replaced a couple of parts I ruined with FLUX REMOVER!! Tuned it up, and sent it back. All because he cared about the little rigs, and would not turn his back on his babies!! Thanks again Dave. You've got my eternal gratitude, and I've had many contacts with it since!! 72/73 and God Bless. Perley Urquhart, N1YUK, in Maine (but don't blame that)

Date: Sat, 11 Sep 1999 16:34:56 -0700
From: Thomas Kuehl <ac7a@uswest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50081] Search for Obsolete IC
Message-ID: <37DAE720.D1436D98@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All:

I have an 80/40 meter, VFO controlled QRP transceiver, that I designed and built as a teenager back in 1972/73. Recently, after many years of non-use, I decided to power it up and see if it still works. Well, there weren't any sparks, but there also wasn't any audio coming from the speaker. A check of things points to a dead audio output IC. And that is where things become interesting; the IC was discontinued by Motorola back in the late 70's.

The audio amplifier IC is an MFC4000B. It was packaged in a Motorola "unique" package and had a small

rectangular outline with 4 leads. Two of the leads, off to one end, are longer than the other two. It sort of looks like a small black, 4-legged spider. The leads where gold plated.

Anyway, in order to breath life back into this fine example of an antique, home-brew QRP transceiver; I hope to find a working MFC4000B out there somewhere. Chuck, K7QO, made a valiant effort to locate one in Dallas, but struck a dry well. If anyone has one in there junk box, or even one mounted on an old PC board, I am game for giving it a shot. I will be willing to make appropriate compensation for the IC, or would be willing to trade an IC or transistor of equal value; perhaps something like a still packaged MPF121, dual-gate MOSFET, or something else equally cool.

Regards, Thomas - AC7A

Date: Sat, 11 Sep 1999 16:40:00 -0700
From: neil <neil@aade.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50082] SPRAT reprints.
Message-ID: <37DAE850.4CE4A117@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a complete set of the SPRAT reprints offered by Kanga last year for sale.
\$125 post paid.

--
Neil
<http://www.aade.com>
<mailto:neil@aade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Sat, 11 Sep 1999 16:39:36 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50083] Re: ARRL Handbook 2000 Collector's Edition
Message-ID: <Pine.GS0.4.10.9909111630550.3737-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Oh Wow,

Here I go again.....speaking up for the ARRL! :-)

I love leather bound books and have a number of them. They are like old friends.....just something about the feel of a quality book. Much more than just the content!

So, you can all paint me silly, dumb or just plain ole' stupid but I've got mine on order!

And....one thing I do think the ARRL does a super job of is publishing. If it were up to the "regular" publishers the paper bound handbook would cost \$75!

(Everyone does have at lest ONE handbook don't they?)

Lets see now.....it's silly to pay \$75 for a book but it's smart to pay the same money for yet another 40m rig.....Hmmm, gotta go figure that one out.... :-)

OK, back in my hole.....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 11 Sep 1999 19:43:27 -0700
From: "Mark Paley" <mpaley@wcnet.org>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [50084] K-2 to K-2
Message-ID: <028101befcc8\$98733b60\$35ab85cd@mpaley>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just got off 15M a few minutes ago where I had a K-2 to K-2 QSO with WA6HHQ on top of the mountain. While my antenna situation is not the greatest we still managed to talk for a while. It's nice to be able to get with one of the designers of this rig if just to let him know what a great rig I think it is. This has been my second K-2 to K-2 QSO--hope to have many more...

Mark Paley--KF8KL--

K2 #250

mpaley@wcnet.org

<http://www.wcnet.org/~mpaley>

Date: Sat, 11 Sep 1999 19:48:36 -0300
From: KD1YV <kd1yv@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [50085] Re: ARRL Handbook 2000 Collector's Edition
Message-ID: <3.0.5.16.19990911194836.6017536c@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Issue is whether or not to buy the jazzy leather one: Real tough
>decision, NOT!
>

You probably don't have to worry about it anyway. Since it is a limited edition, (maximum of 2000,) they are most likely already sold out.

Can we drop this thread now and talk about QRP radio?

72/73 de Jim

Date: Sat, 11 Sep 1999 16:54:22 -0700
From: "Dan Trigilio" <danjt@cruzio.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [50086] Re: Search for Obsolete IC
Message-ID: <002201befcb0\$f9846680\$ed89e3a5@n1dtscomputer>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thomas, Check the web site of Rochester Electronics. You should be able to find them through Yahoo.com or other search engines. They specialize in absolute ICs and semiconductors. Sorry I don't have their web address here, its at work. If you can't find them let me know and I will look it up at work on monday.

GL es 73, Dan W6DAN
Capitola, CA

Date: Sat, 11 Sep 1999 20:00:49 -0400
From: "Robert W. Shaw" <lycott@fox.nstn.ca>
To: <qrp-1@lehigh.edu>
Cc: VE3EJJ@cyberus.com
Subject: [50087] NC20 Spectrum Purity
Message-ID: <3.0.5.32.19990911200049.007f9b80@fox.nstn.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dave,

My apologies! This was NOT meant as criticism, but as a request for ideas and comments. I'm sorry I didn't think of communicating with you directly!

Both my friend and myself are very happy with the NC20's -- great experience in building them, and great fun using something you built yourself (even if you didn't design it yourself!!!)

And thanks for the ideas. I/we certainly will investigate further. I spoke out very quickly upon hearing the news before really thinking about it much, and I'm sorry I did that. In fact, if there is that much off-frequency component present, I'm surprised I can match it to anything but a dummy load!

72 de Bob.

Date: Sat, 11 Sep 1999 20:10:00 -0400
From: mailbox-gaskins <pgaskin@imcnet.net>

To: qrp-1@lehigh.edu
Cc: pgaskin@imcnet.net
Subject: [50088] Open Letter to Al Gritzmacher and QRP-L Group
Message-ID: <199909120010.UAA20874@ns1.imcnet.net>

Dear Al and Group,

I must apologize for my ignorance in my attempt to sell my NA program here on the reflector in order to finance a qrp project.

Apparently the sale of the software is illegal according to AE2T as most of you have read.

I am very embarassed as well as a little upset that Al decide to inform me of this fact over the entire reflector rather than let me "save face" by hearing it in the privacy of my own e-mail service.

It was never my intention to do anything illegal only to sell something I wasn't using.

I will now refrain from selling anything here and must apologize for the bandwidth I have so far taken up.

I'm pretty sure Al had good intentions when he made the post. I am new to the internet as well as Qrp.

Many I"M SORRY'S

Pete

N2PG

Date: Sun, 12 Sep 1999 00:09:52 -0400
From: wa8rxi@juno.com
To: qrp-1@lehigh.edu
Subject: [50089] Mobile Antenna's
Message-ID: <19990912.000953.-159083.0.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi All,

For those of you that like to Mobile check out.

<http://www.picks.force9.co.uk/mobile.htm>

I wonder if Ed, WE6W could run this on his 10 Speed ?

72, Rick - WA8RXI
Taylor, MI

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 11 Sep 1999 17:15:25 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50090] Re: ARRL Handbook 2000 Collector's Edition
Message-ID: <37DAF09D.80C1CCF1@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

>
> Oh Wow,
>
> Here I go again.....speaking up for the ARRL! :-)
>
> I love leather bound books and have a number of them. They
> are like old friends.....just something about the feel of
> a quality book. Much more than just the content!
>
>

Me, too .. but they are not books that I know will have a new edition a year hence.

Phil

Date: Sat, 11 Sep 1999 19:36:58 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [50091] RE: ARRL Handbook 2000 Collector's Edition
Message-ID: <000101befcb6\$eddf7f0\$fb3dc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh, come on guys/gals. They got to make up for that "dwindling" membership that the no-code guys are crying about, eh? Besides, I'm one of those "suckers" that ordered one. So I'm into collecting. Beanie Babies are financing most of my ham expenses these days. My mom got crazy with them with they first came out, she had to have EVERY ONE. Most of them are going for \$400+ now. Thanks mom!

I talked to the sales staff at ARRL, the leather version will ship the first week of December, the regular one (\$35 this year) will ship the next week.

Kevin, WB5RUE

```
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> guillotstutoring@juno.com
> Sent: Friday, September 10, 1999 11:11 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: ARRL Handbook 2000 Collector's Edition
>
>
> Oh no! The ARRL has gone the way of the Beanie Babies!! Are they
> going to "retire" the handbook too?
>
> >>You must act quickly on this unique opportunity to guarantee your
> >>reservation for the edition every ham will want to own--
> >>
> >>Only 2000 copies will be produced!
> >>
> >>Hurry now to order your own personalized copy of Amateur Radio's
> >most
> >>popular book: The ARRL Handbook
>
> 72, Ed Guillot, N5ED, New Orleans, LA
> qrp-l#1951, qrp-parci#3988, ARRL(life)
>
>
> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: http://dl.www.juno.com/dynoget/tagj.
>
```

Date: Sat, 11 Sep 1999 21:17:29 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [50092] QRP Group(s) In/Near Rocky Mount, NC?

Message-ID: <000901befcbbc\$958dc520\$300b61d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well...like a few others here in the group, I will be relocating before to long. My new qth will be in Rocky Mount, NC. Was just wondering if there were any qrp groups in or near the area?

Frank

Date: Sat, 11 Sep 1999 21:21:07 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [50093] Re: Search for Obsolete IC
Message-ID: <37DB0003.6040FB8@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Dan Trigilio wrote:

>
> Thomas, Check the web site of Rochester Electronics. You should be able to
> find them through Yahoo.com or other search engines. They specialize in
> absolute ICs and semiconductors. Sorry I don't have their
> web address here, its at work. If you can't find them let me know and I
> will look it up at work on monday.

Allow me:

Rochester Electronics: Leaders on the Trailing Edge of Electronics
<http://www.rocelec.com/default.htm>

Rochester Electronics, Inc., 10 Malcolm Hoyt Drive,
Newburyport, MA 01950 USA
Phone 978 462 9332, Fax 978 462 9512, E-Mail:
mgelsomini@rocelec.com

I haven't dealt with the company myself, nor do I work for them.

Dave

--

Dave Hinerman WD8CIV
dlh1009@rit.edu

Date: Fri, 10 Sep 1999 17:50:41 -0700
From: Robert L Kellogg <ae4ic@nr.infi.net>
To: gdslagel@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50094] Re: Antenna Question
Message-ID: <37D9A761.A9AFD2E0@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary,

One important fact to remember about tuners and SWR. The meter reads the SWR, but it says ****nothing**** about the efficiency of the match. In some situations, (like some of yours, I suspect) the tuner will indicate a 1.0:1 match, while using 98% of your signal to warm it's insides. The other 2% goes to the antenna. This is less than desireable.

If you can design the antenna system so the tuner sees SWR less than 4:1, the tuner will usually operate pretty efficiently. Beyond that, most tuners become less efficient, easily losing 40% or more of the signal.

Gary Slagel wrote:

>
> Last night I switched the feedline on my portable
> quarter wave 20 meter groundplane vertical from coax
> to balanced line and now (after playing with feedline
> lengths) I'm able to tune this thing for
> 15/17/20/30/40 using an mfj tuner.
>
> Any thoughts on the performance this thing will have
> on 30 and 40 compared to putting loading coil(s) on
> the antenna so I don't need to tune it?

Hope this helps.

CUL,
Bob Kellogg, AE4IC Greensboro, NC

Prolably, not nececelery. - Benny Hill

Date: Sat, 11 Sep 1999 22:12:39 EDT
From: Ab5wx@aol.com
To: wa8rxi@juno.com
Cc: qrp-1@lehigh.edu
Subject: [50095] Re: Any R7000 experts here?
Message-ID: <a3dabf73.250c6617@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 09/11/1999 5:00:50 PM Central Daylight Time,
wa8rxi@juno.com writes:

> owner-qrp-1@Lehigh.EDU

The proximity of tree limbs and branches close to the top of the antenna
defianately will affect SWR on 30 and 40 meter bands.

My R7000 is about 15ft off the ground, mounted on a short push up mast
located in the center of 6 large Oak Trees. I did this on purpose, because I
operate in an Antenna restricted neighborhood. No antennas of any kind
allowed. My R7000 tunes up great in the entire CW portions of all of the
bands; but I did have to do a bit of tree trimming to clear an area of about
8 foot radius completely around the antenna (from the crossed counterpoises
on up). Before I cleared the tree limbs I was getting a very marginal 1.9
SWR that would jump to 2.0 or higher if it rained or the limbs were actually
touching the radiating element. Now that the limbs are cleared I operate
without any kind of tuner and the SWR stays below 1.5 on all bands 10m thru
40m.

By the way, Cushcraft has put out quite a bit of literature warning against
using any kind of tuner with this antenna. Iam not convinced there is any
harm in doing that; but at legal maximum it could very well destroy the
antenna matching system located at the base of the antenna if fed with 1500
watts into a high SWR. Remember, a tuner is only fooling your transmitter
into thinking there is a match. It does not tune the antenna.

Another problem I found with the R7000s is lousy trap constuction and
quality control. Each trap has two elements (10/12, 15/17, and 20/30) at
the base of the traps is an aluminum collar that is riveted to the trap. I
found several of these that were loose and needed tightened or replaced. I
drilled out the rivets in mine and replaced them with aluminum screws. I
brushed the aluminum collar where it makes contact with the trap base and
tightened up my screws. I really think that this also went a long way

toward getting everything A-OK with my R7000.

On the operational side. I was a dedicated NO WAY A VERTICAL ACTUALLY WORKS BETTER THAN A DUMMY LOAD guy for a long time. I have the following antennas at my stealth location: An 80m horizontal loop @30ft highest point, 40m dipole, 10m dipole, 2 element 20m wire beam in the attic, and the R7000. I have been amazed at the amount of DX that I work with the vertical. I use the other antennas a lot, never know which will really be the best depending on propagation and where the other station is located. Having the ability to select different antennas has made all the difference in many a contact.

GL and 73.....dave, AB5WX

Date: Sat, 11 Sep 1999 22:25:01 -0400
From: "Steve Ray" <sbralr@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [50096] Titanic QRO and QRP Rigs
Message-ID: <002c01befcc6\$29ffb2a0\$a972fea9@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Found this link on the Morse telegraph page. Thought the QRO and QRP rig would be of interest to the group.

http://www.metronet.com/~nmcewen/megastage/Titanic_Wireless_Schematic.gif

72,

Steve K4JPN ex K1VKW

Date: Sun, 12 Sep 1999 02:48:18 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50097] Re: Antenna Question
Message-ID: <37db1219.12145352@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Fri, 10 Sep 1999 17:50:41 -0700, Robert L Kellogg <ae4ic@nr.infi.net> wrote:

>One important fact to remember about tuners and SWR. The meter reads
>the SWR, but it says ****nothing**** about the efficiency of the match. In
>some situations, (like some of yours, I suspect) the tuner will indicate
>a 1.0:1 match, while using 98% of your signal to warm it's insides. The
>other 2% goes to the antenna. This is less than desireable. =20

>

>If you can design the antenna system so the tuner sees SWR less than
>4:1, the tuner will usually operate pretty efficiently. Beyond that,
>most tuners become less efficient, easily losing 40% or more of the
>signal.

>

>Gary Slagel wrote:

>>=20

>> Last night I switched the feedline on my portable
>> quarter wave 20 meter groundplane vertical from coax
>> to balanced line and now (after playing with feedline
>> lengths) I'm able to tune this thing for
>> 15/17/20/30/40 using an mfj tuner.

>>=20

>> Any thoughts on the performance this thing will have
>> on 30 and 40 compared to putting loading coil(s) on
>> the antenna so I don't need to tune it?

>

>Hope this helps.

Bob --

Is it the tuner that is inefficient, or would it be more accurate to say =
the
tuner will not change the efficiency of the radiator at a given =
frequency?

I don't know the answer, personally, but since I have great difficulty =
getting
out on 40m with my 75 ft. of semi-inverted U (with a 40 ft. =
counterpoise), I'm
very interested. I am using a St. Louis Tuner, which will match most =
things
pretty well. But it may be the inherent inefficiency in the antenna, =
even
though the tuner can match it.

Just wondering ...

--

Marty, N5NW

-----=

Memphis, Tennessee

=

<http://home.earthlink.net/~mwattcpa>

Date: Sun, 12 Sep 1999 03:43:11 GMT

From: "Richard Arland" <r_arland@hotmail.com>

To: ku7y@dri.edu, qrp-1@Lehigh.EDU

Subject: [50098] Re: ARRL Handbook 2000 Collector's Edition

Message-ID: <19990912034312.5620.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>From: Monte Stark <ku7y@dri.edu>

>I love leather bound books and have a number of them. They
>are like old friends.....just something about the feel of
>a quality book. Much more than just the content!

I agree wholeheartedly. SOME books are just made for leather covers. The millenium Handbook is one such manuscript.

>So, you can all paint me silly, dumb or just plain ole'
>stupid but I've got mine on order!

Ditto!

>And....one thing I do think the ARRL does a super job
>of is publishing. If it were up to the "regular" publishers
>the paper bound handbook would cost \$75!

Now, that is a fact! The League publishes some of the best electronics books in the world at a fraction of the cost that other publishers would. Count your blessings.

>(Everyone does have at lest ONE handbook don't they?)

Going all the way back to the year I was born....1946...and that is a hardbound volume presented to me by Dr. Harold "Dr. DX" Cones, of Zenith radio book fame.

>Lets see now.....it's silly to pay \$75 for a book but it's
>smart to pay the same money for yet another 40m rig.....Hmmm,
>gotta go figure that one out.... :-)

I paid much more for far less in my pursuit of electronic knowledge. For instance, I paid over \$80 for Antennas by W8JK. And that was a simple hardbound book, no leather. But it was worth every penny.

If you think that the leather handbook is silly or stupid or a money maker for the League...fine. Don't buy it.

73 Rich K7SZ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 11 Sep 1999 23:02:59 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50099] Re: ARRL Handbook 2000 Collector's Edition
Message-ID: <005301befcd3\$b474b900\$ce11fed0@compaq>

>
> >So, you can all paint me silly, dumb or just plain ole'
> >stupid but I've got mine on order!
>
> Ditto!

Mark Hogan / N50BC
SST / 38s - Speed-X Bug NC-20 - Norcal Paddle
Bet ya never heard a bug go so slow.....

Date: Sun, 12 Sep 1999 00:01:04 -0400
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [50100] CBA qsl buro?
Message-ID: <3.0.6.32.19990912000104.007b2160@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just worked a couple of eastern Europeans, and both said to QSL via CBA (or C6A). What's that?

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw
QRP-L # 576 ARCI ARS # 188 K2 # 185 NorCal

Date: Sun, 12 Sep 1999 00:02:19 -0400
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [50101] OHR-100A
Message-ID: <19990912.000221.-943817.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Is anyone out there in QRP-L Land having a drifting problem with the OHR-100A ? I recently got the OHR-100A kit and built it and find there is a drift with it. It seems to keep going higher in frequency. Has anyone had this problem and if so, how did you correct it.

Fred W2XN
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES AR QRP #233
QRP-L #1728 NJ-QRP #197
My Web Page: <http://w2xn.homepage.com/>

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Date: Sun, 12 Sep 1999 00:08:44 -0400
From: The Boices <boice@bigfoot.com>
To: ku7y@dri.edu, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [50102] Re: ARRL Handbook 2000 Collector's Edition
Message-ID: <3.0.6.32.19990912000844.007bfb20@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 16:39 99/09/11 -0700, Monte Stark wrote:
>And....one thing I do think the ARRL does a super job
>of is publishing. If it were up to the "regular" publishers
>the paper bound handbook would cost \$75!

Ron's got this one right. Don't know how many of you have had to purchase textbooks for college (let alone grad school), and have been gouged upwards of twice this, for a book you'd sooner use as kindling (been there - done that!) than keep for a generation (as Handbooks are).

Even comparing tech books at Tech America is a no brainer: you're automatically talking double the price of a comparable League book. Not all the books they publish are prize winners, but no publisher can please everyone.

While I'm not getting one for myself, if there are still any left, my Elmer of 19 years will be getting one for Christmas.

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw
QRP-L # 576 ARCI ARS # 188 K2 # 185 NorCal

Date: Sun, 12 Sep 1999 00:21:25 -0400
From: The Boices <boice@bigfoot.com>
To: N7YA@aol.com
Cc: k5fx@flash.net, qrp-l@Lehigh.EDU
Subject: [50103] Re: CBA qsl buro?
Message-ID: <3.0.6.32.19990912002125.007c34b0@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

><< Just worked a couple of eastern Europeans, and both said to QSL via CBA
(or
> C6A). What's that? >>
>
>CBA is "call book address"

Duh! Thanks guys! I think it's time for bed.....

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw
QRP-L # 576 ARCI ARS # 188 K2 # 185 NorCal

Date: Sat, 11 Sep 1999 21:25:37 -0700
From: "M. Monninger" <markem@primenet.com>
To: qrp-l@lehigh.edu
Subject: [50104] TiCK & 2N2/40
Message-ID: <3.0.6.32.19990911212537.00865550@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm trying to integrate a TiCK 2B into my 2N2/40. I'm having a bit of a problem injecting the TiCK's audio into the 2N2's audio amp. It's way too loud. I'm feeding the TiCK audio into a .1uF cap and then thru about 8M of resistors into the input of the audio amp (high side of the volume pot). I've disabled the 2N2's sidetone so that isn't getting into it. Would a smaller cap help? What would be a good value? Is there a better point to inject the audio?

FWIW, I also have a FreqMite from SWL in the 2N2 and it works fine. I'm feeding its audio into the volume pot as above thru 6M of resistors and that seems about right.

Any suggestions will be appreciated.

73.... Mark AA7TA

Date: Sat, 11 Sep 1999 21:39:58 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: markem@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50105] Re: TiCK & 2N2/40
Message-ID: <37DB2E9E.6FEED74A@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I know very little about the rig. But 0.1 uF seems a bit large. I'd try a 0.01 cap and see what happens, then go up or down from there, based on the results

Phil

"M. Monninger" wrote:

>
> I'm trying to integrate a TiCK 2B into my 2N2/40. I'm having a bit of a
> problem injecting the TiCK's audio into the 2N2's audio amp. It's way too
> loud. I'm feeding the TiCK audio into a .1uF cap and then thru about 8M of
> resistors into the input of the audio amp (high side of the volume pot).
> I've disabled the 2N2's sidetone so that isn't getting into it. Would a
> smaller cap help? What would be a good value? Is there a better point to
> inject the audio?
>

Date: Sat, 11 Sep 1999 22:05:25 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: The Boices <boice@bigfoot.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50106] Re: CBA qsl buro?
Message-ID: <Pine.GS0.4.10.9909112204510.5036-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 12 Sep 1999, The Boices wrote:

> Just worked a couple of eastern Europeans, and both said to QSL via CBA (or
> C6A). What's that?

That's CBA and stands for:

Call Book Address

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 12 Sep 1999 01:12:48 -0400
From: "J. Ervin Bates" <w8erv@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [50107] 706 MK2 Mods

Message-ID: <006301befcdd\$751f2560\$b745fed0@ervbilt525>

Hi Gang:

Working on getting my ICOM 706 MK2 setup tonight and wondered if anyone knows where I can find some modifications for it. Specifically, I am looking for the mod to activate the Auto Repeater Offset. I'll be using it on 2m, as well as 6 and HF and I hear they have one for it, so I would love to find it.

If you have this information, or any others, please reply direct and thanks in advance.

72/73,
Erv W8ERV

Date: Sun, 12 Sep 1999 05:18:06 +0000
From: Hal Maney <hmaney@earthlink.net>
To: mwattcpa@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50108] Re: Antenna Question
Message-ID: <37DB378E.43ED84CC@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't think the efficiency of the antenna itself is an issue, unless you are feeding it with coax and the SWR is high.

The inefficiency occurs when the tuner is called upon to perform an extreme match. If it sees a feedline impedance of several thousand ohms or a fraction of an ohm, it may be operating outside its design limits and end up dissipating power in the tuner while giving a low SWR reading.

Before worrying about tuner efficiency, one should to check the height of the antenna. As a rule of thumb, horizontal antennas need to be high (half wave-length or more). Low dipoles tend to radiate straight up and generally don't "get out". If height is a problem, try a loaded vertical antenna (with radials, of course).

Hal

Marty Watt wrote:

>
> Is it the tuner that is inefficient, or would it be more accurate to say the
> tuner will not change the efficiency of the radiator at a given frequency?
>
> I don't know the answer, personally, but since I have great difficulty getting
> out on 40m with my 75 ft. of semi-inverted U (with a 40 ft. counterpoise), I'm
> very interested. I am using a St. Louis Tuner, which will match most things
> pretty well. But it may be the inherent inefficiency in the antenna, even
> though the tuner can match it.
>
> Just wondering ...
>
> --
> Marty, N5NW
> -----
> Memphis, Tennessee <http://home.earthlink.net/~mwattcpa>

--
Hal Maney, K1HM
maney@ieee.org

Date: Sat, 11 Sep 1999 23:29:52 -0600
From: "Roy" <ab7ce@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50109] ZERO BEAT DETECTOR
Message-ID: <001601befcdf\$ec55b8e0\$0ec7fad0@pavilion>

Got the circuit put together for the zero beat detector and its
working. It seems a little reluctant to lock on weak signals. Where have you
other folks hooked into the audio circuit? Any other hints are welcome. Oh,
I guess you might want know I using it on a K2. Tnx Roy AB7CE

Date: Sat, 11 Sep 1999 22:42:56 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: markem@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50110] Re: TiCK & 2N2/40
Message-ID: <37DB3D60.5B58511E@mindspring.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark,

There is a 2N2/40 web site that might have some info:

<http://www.qsl.net/k8iqy/>

Phil

"M. Monninger" wrote:

>
> I'm trying to integrate a TiCK 2B into my 2N2/40. I'm having a bit of a
> problem injecting the TiCK's audio into the 2N2's audio amp. It's way too
> loud. I'm feeding the TiCK audio into a .1uF cap and then thru about 8M of
> resistors into the input of the audio amp (high side of the volume pot).
> I've disabled the 2N2's sidetone so that isn't getting into it. Would a
> smaller cap help? What would be a good value? Is there a better point to
> inject the audio?
>
> FWIW, I also have a FreqMite from SWL in the 2N2 and it works fine. I'm
> feeding its audio into the volume pot as above thru 6M of resistors and
> that seems about right.
>
> Any suggestions will be appreciated.
>
> 73.... Mark AA7TA

Date: Sun, 12 Sep 1999 00:58:56 -0500 (EST)
From: igeq100@iupui.edu
To: w2xn@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50111] Re: OHR-100A
Message-ID: <Pine.HPP.3.96.990912005148.17678B-1000000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Fred -

I just built an OHR-100A (20 meter version), and the only drift that I have noticed is the warm-up drift (minor) that is to be expected (and is within specifications). My solution has been to just let the rig sit with the power on for a few minutes while you do other things or listen around the band.

By the way - did you do a thorough job of applying the nail polish or Q-dope on the VFO toroid? This is probably where most of any thermal

sensitivity would arise from.

Hope your problem is a minor one - I am very pleased with my new rig.

73,

Richard Meiss, WB9LPU

On Sun, 12 Sep 1999 w2xn@juno.com wrote:

> Is anyone out there in QRP-L Land having a drifting problem with the
> OHR-100A ? I recently got the OHR-100A kit and built it and find there
> is a drift with it. It seems to keep going higher in frequency. Has
> anyone had this problem and if so, how did you correct it.

>

>

> Fred W2XN

> Lakeland, FL

> W5YI-VE Skywarn #POL-007 Polk County ARES AR QRP #233

> QRP-L #1728 NJ-QRP #197

> My Web Page: <http://w2xn.homepage.com/>

>

>

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>

Date: Sun, 12 Sep 1999 01:07:27 -0500 (EST)

From: igeq100@iupui.edu

To: "M. Monninger" <markem@primenet.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [50112] Re: TiCK & 2N2/40

Message-ID: <Pine.HPP.3.96.990912010025.17678C-1000000@ruby.iupui.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Mark -

Why not use a resistive voltage divider (or a pot) at the output of the Tick and reduce the voltage that way. Using series resistors of high value should also work, but, as you are finding, the values must be very high. As a start, try putting a 10K and a 1K resistor in series. Connect the free end of the 10K to the output of the Tick and the free end of the 1K to ground. Then take the output to the audio amplifier from the

junction of the two resistors. This will give you an attenuation of about 10x and a fairly low source impedance. From this point procede as you have been doing.

Hope that this is of some help.

73,

Richard Meiss, WB9LPU

On Sat, 11 Sep 1999, M. Monninger wrote:

> I'm trying to integrate a TiCK 2B into my 2N2/40. I'm having a bit of a
> problem injecting the TiCK's audio into the 2N2's audio amp. It's way too
> loud. I'm feeding the TiCK audio into a .1uF cap and then thru about 8M of
> resistors into the input of the audio amp (high side of the volume pot).
> I've disabled the 2N2's sidetone so that isn't getting into it. Would a
> smaller cap help? What would be a good value? Is there a better point to
> inject the audio?

>

> FWIW, I also have a FreqMite from SWL in the 2N2 and it works fine. I'm
> feeding its audio into the volume pot as above thru 6M of resistors and
> that seems about right.

>

> Any suggestions will be appreciated.

>

> 73.... Mark AA7TA

>

Date: Sun, 12 Sep 1999 01:42:17 -0500 (CDT)
From: kc0bdw@webtv.net (Hal Schlotfeld)
To: qrp-1@Lehigh.EDU
Subject: [50113] ARK40
Message-ID: <11113-37DB4B49-19376@postoffice-211.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

To those who replied about the ARK40. I talked to my friend today and this is what he said. He would like \$275.00 plus shipping for it. This one "DOES NOT" have a built in keyer. It is also factory built at S&S Engineering. As for the case I would have to give this a 10 out of 10. The schematic has a date of 4/2/93. It has power output "according" to the manual of 3 to 4 watts. E-mail me direct for more info or if interested.

Hal

Date: Sun, 12 Sep 1999 01:55:56 -0500
From: Jim Ek <JIM-EK@worldnet.att.net>
To: "'Low Power Amateur Radio'" <qrp-1@Lehigh.EDU>
Subject: [50114] OT: Static Electricity dissipation.
Message-ID: <01BEFCC1.F90FC300@36.indianapolis-08-09rs.in.dial-access.att.net>

Marconi did it back around 1902 and lived. But I'm not sure how. I want to try an antenna on a kite.

I imagine the Static Electricity could do a pretty good buildup. Looking for about a 1,000 ft height which would probably mean about 2,000 ft of line.

Just passed my technicians license, not even a call sign yet.

Hope to connect to Handheld 2 meter rig. Rig puts out less then 5 watts.

Anyhow looking for good reference books in the area so I can avoid frying myself and radio.

Thanks,
Jim

P.S. If you think you might have a plan for dissipating the static electricity, please let me know, thanks.

Date: Sat, 11 Sep 1999 00:35:08 -0700
From: "Andreas Junge" <Andreas@atltech.com>
To: <w8erv@msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50115] RE: 706 MK2 Mods
Message-ID: <000601befc28\$2c5dd1b0\$0109010a@ANDI2000>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Erv,

the 706 and 706 MK II do not have Auto Repeater Offset. There is a PIC based kit from K06YD that hooks into the serial interface of the 706 (MK II) and

programs the offset. It's abt \$29 for the kit. 2M, 6M and 10M are supported with the different offsets.

The email I have is : ko6yd@jps.net

73,

Andreas, N6NU
Menlo Park, CA

PS: Usual disclaimer - just a happy user ...

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> J. Ervin Bates

> Sent: Saturday, September 11, 1999 10:13 PM

> To: Low Power Amateur Radio Discussion

> Subject: 706 MK2 Mods

>

>

> Hi Gang:

>

> Working on getting my ICOM 706 MK2 setup tonight and wondered if anyone

> knows where I can find some modifications for it. Specifically, I am

> looking for the mod to activate the Auto Repeater Offset. I'll

> be using it

> on 2m, as well as 6 and HF and I hear they have one for it, so I

> would love

> to find it.

>

> If you have this information, or any others, please reply direct

> and thanks

> in advance.

>

> 72/73,

> Erv W8ERV

>

>

>

>

>

Date: Sun, 12 Sep 1999 07:44:10 +0100

From: Arjen Raateland <Arjen.Raateland@vyh.fi>

To: markem@primenet.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [50116] Re: TiCK & 2N2/40
Message-ID: <37DB4BBA.2E21@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

M. Monninger wrote:

>
> I'm trying to integrate a TiCK 2B into my 2N2/40. I'm having a bit of a
> problem injecting the TiCK's audio into the 2N2's audio amp. It's way too
> loud. I'm feeding the TiCK audio into a .1uF cap and then thru about 8M of
> resistors into the input of the audio amp (high side of the volume pot).
> I've disabled the 2N2's sidetone so that isn't getting into it. Would a
> smaller cap help? What would be a good value? Is there a better point to
> inject the audio?
>
> FWIW, I also have a FreqMite from SWL in the 2N2 and it works fine. I'm
> feeding its audio into the volume pot as above thru 6M of resistors and
> that seems about right.
>
> Any suggestions will be appreciated.

Hi,

Often sidetone signals are not pure sinewaves. By using a smaller coupling cap you will favour the higher harmonics and make the tone not only weaker, but also give it a different sound. It may become more difficult to 'spot' tune, too.

I suggest you change the resistive part of the coupling components or both capacitive and resistive parts.

Upon looking closer over the details you gave in your message, I would say, connect a trimmer pot to ground from one of the joints in the series circuit of the resistors totalling 8 MOhm. Play with the trimmer position & perhaps resistor values. Afterwards you can replace the trimmer with a fixed resistor, if you like. (It would be impractical to adjust only the series resistors (8MOhm).)

Of course you could also use a trimmer as a volume control right after the coupling cap and feed the 8 MOhm string from the wiper on the trimmer.

gl es cheerio,
--
Arjen Raateland
OH2ZAZ

Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sun, 12 Sep 1999 06:09:10 EDT
From: DaveLeDuc@aol.com
To: qrp-l@lehigh.edu
Subject: [50117] FS: complete HW-9 station
Message-ID: <33636167.250cd5c6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'm selling my HW-9 station to finance another radio purchase. All pieces are in good/excellent condition with a few nicks but no scratches scrapes or gouges. The previous owner put arrows in pen on the front of the HW-9 knobs to indicate the position. I never tried to remove them. The station includes: HW-9 with WARC bands, PSA-9, HM-9 QRP wattmeter, HFT-9A tuner, and straight key. I have the complete set of manuals and original purchase receipts.
\$500 plus shipping from 03858
73 Dave K1EPJ

Date: Sun, 12 Sep 1999 11:33:42 -0400
From: wa8rxi@juno.com
To: qrp-l@lehigh.edu
Subject: [50118] FS: HeatKit HW-8
Message-ID: <19990912.113344.-222459.1.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

QRPer's

HW-8 with HWA-7-1 Power supply.
I have had some really enjoyable QSO's and made it into quite a few DX logs over the last few years.
But, have too many QRP Rigs (7) and the K2 seems to be taking up a lotta my time :-)

Includes the original Manual and the "HW-8 Handbook" by Mike, WB8VGE.
I'll let her go for \$135. plus shipping.

E-Mail direct only Please...
wa8rxi@juno.com
Thanks

Rick Arzadon - WA8RXI
6056 Hipp
Taylor, MI. 48180

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Date: Sun, 12 Sep 1999 08:19:18 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <JIM-EK@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [50119] Re: Static Electricity dissipation.
Message-ID: <003b01befd21\$6bdac4c0\$297154d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think a lot of people just use a high value resistor to ground at the feed point to bleed off any static. Maybe you could also use a choke.

As far as the value goes, on a 50 ohm antenna something as small as 10K might be OK. If it's a High-Z antenna, you need a bigger one. It probably oughta be at least 10 times as big as the feed point impedance. As a second check, calculate the voltage from the transmitter at the feed point and make sure that that value squared and divided by the resistor value is much less than the resistor's power rating. (Shouldn't be much of a consideration at QRP, though)

Maybe a 100K starting point is good and in some cases you might want 1 MEG.

Some transmitter matching networks provide a DC ground path for the antenna and some tuners do too. You wouldn't need a bleedoff path in that case.

72,

Nick, WA5BDU

-----Original Message-----

From: Jim Ek <JIM-EK@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, September 12, 1999 1:57 AM
Subject: OT: Static Electricity dissipation.

>Marconi did it back around 1902 and lived. But I'm not sure how. I want
>to try an antenna on a kite.

>

>I imagine the Static Electricity could do a pretty good buildup. Looking
>for about a 1,000 ft height which would probably mean about 2,000 ft of
>line.

>

>Just passed my technicians license, not even a call sign yet.

>

>Hope to connect to Handheld 2 meter rig. Rig puts out less then 5 watts.

>

>Anyhow looking for good reference books in the area so I can avoid frying
>myself and radio.

>

>Thanks,

>Jim

>

>P.S. If you think you might have a plan for dissipating the static
>electricity, please let me know, thanks.

>

>

Date: Sun, 12 Sep 1999 08:29:55 -0500

From: "Nick Kennedy" <nkennedy@cswnet.com>

To: <ae4ic@nr.infi.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [50120] Re: Antenna Question

Message-ID: <005501befd22\$e7e03ae0\$297154d8@big>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Tuner efficiency is always an issue, but surely 98% losses is going to be
the rare case. I would think that using loading coils would be roughly

equivalent to using the tuner in any case.

The hard part is trying to figure out if you do have a case of the tuner eating most of the power. If you weren't QRP, maybe you could transmit and while and then feel the coil for excess warmth. Also, if received signals are all in the mud, the tuner probably ain't efficient. (But what do you compare it to?)

That said, I recently built a link coupler. I was transmitting at about 150 watts out and saw smoke rising from the tuner. High inductor current heated up a solder joint and was smoking the remaining rosin.

72,

Nick WA5BDU

-----Original Message-----

From: Robert L Kellogg <ae4ic@nr.infi.net>

>Gary,

>

>One important fact to remember about tuners and SWR. The meter reads
>the SWR, but it says ****nothing**** about the efficiency of the match. In
>some situations, (like some of yours, I suspect) the tuner will indicate
>a 1.0:1 match, while using 98% of your signal to warm it's insides. The
>other 2% goes to the antenna. This is less than desireable.

>

>Gary Slagel wrote:

>>

>> Last night I switched the feedline on my portable
>> quarter wave 20 meter groundplane vertical from coax
>> to balanced line and now (after playing with feedline
>> lengths) I'm able to tune this thing for
>> 15/17/20/30/40 using an mfj tuner.

Date: Sun, 12 Sep 1999 09:31:05 -0400

From: david fouchey <dafouchey@home.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [50121] Re: ARRL Handbook 2000 Collector's Edition

Message-ID: <37DBAB19.B525363C@home.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Make that a Triple Play, there is just something about the feel and smell of a leather bound volume which evokes the need to sit and peruse it at length.

Mines on order too...

Dave
WA4EMR/8

Richard Arland wrote:

>
> >From: Monte Stark <ku7y@dri.edu>
>
> >I love leather bound books and have a number of them. They
> >are like old friends.....just something about the feel of
> >a quality book. Much more than just the content!
>
> I agree wholeheartedly. SOME books are just made for leather covers. The
> millenium Handbook is one such manuscript.
>
> >So, you can all paint me silly, dumb or just plain ole'
> >stupid but I've got mine on order!
>
> Ditto!
>
> >And....one thing I do think the ARRL does a super job
> >of is publishing. If it were up to the "regular" publishers
> >the paper bound handbook would cost \$75!
>
> Now, that is a fact! The League publishes some of the best electronics books
> in the world at a fraction of the cost that other publishers would. Count
> your blessings.
>
> >(Everyone does have at lest ONE handbook don't they?)
>
> Going all the way back to the year I was born....1946...and that is a
> hardbound volume presented to me by Dr. Harold "Dr. DX" Cones, of Zenith
> radio book fame.
>
> >Lets see now.....it's silly to pay \$75 for a book but it's
> >smart to pay the same money for yet another 40m rig.....Hmmm,
> >gotta go figure that one out.... :-)
>
> I paid much more for far less in my pursuit of electronic knowledge. For
> instance, I paid over \$80 for Antennas by W8JK. And that was a simple

> hardbound book, no leather. But it was worth every penny.
>
> If you think that the leather handbook is silly or stupid or a money maker
> for the League...fine. Don't buy it.
>
> 73 Rich K7SZ
>
> -----
> Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 12 Sep 1999 09:33:13 -0400
From: "clemens" <clemens@wvwc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50122] FS Ten-Tec Scout Station - Mint
Message-ID: <000e01befd23\$5e263ec0\$5800000a@kb8aob.wvwc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please see ebay item #163072566

--
Rich Clemens
kb8aob@aol.com

Date: Sun, 12 Sep 1999 08:33:54 CDT
From: George F Franklin <w0av@juno.com>
To: qrp-1@lehigh.edu
Subject: [50123] TenTec Pegasus
Message-ID: <19990912.083356.-278589.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Gang,

Does anyone have any info on the new Pegasus computer/rig from TenTec?

I am interested to know whether any have been shipped and, if so,
comments on its operation.

Yep, it can be cranked down to 5W, according to the sales literature.

72 de George/W0AV

Date: Sun, 12 Sep 1999 10:14:24 -0400
From: "The One and Only!" <mitch96@pobox.com>
To: nkennedy@cswnet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50124] Re: Antenna Question
Message-ID: <37DBB540.BA109BC6@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nick Kennedy wrote:

I was transmitting at about 150 watts out and saw smoke rising from the tuner. High inductor current heated up a solder joint and was smoking the remaining rosin.

So THAT'S how they do industrial soldering!! Populate the board, wipe on the solder and run it up to 150 watts. now i can sleep at night.

All kidding aside it would be interesting to see where the long wire is resonant. Also the feed line resonance. If you could cut these puppies to multiples of the frequency you want, i bet the tuner would have a easier job of it, no?

73, mitch ww4ml
lost in the ethers again..

Date: Sun, 12 Sep 1999 10:26:17 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "QRP Mail List" <qrp-1@Lehigh.EDU>
Subject: [50125] MFJ Tuners
Message-ID: <000901befd2a\$fbac9d40\$226afea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Years ago, probably 1981, I picked up an MFJ-901 versa tuner. I really love the thing, and it's worked perfectly for me other than one stint where I let someone borrow it and they arced over the caps trying to tune a long wire with a 200W transmitter. (Took about an hour of work with a jewlers file to fix...)

Anyway, at a local hamfest last year, I saw another one on a table, still there at end of show. The guy was packing, I said \$15, and it was mine.

But it's not an MFJ-901 Versa Tuner. I was mistaken. It's an MFJ-16010ST Super Antenna Tuner.

Looks the same (ok, hex screws instead of phillips on the outside) but inside instead of the big air coil in the middle of the box wired to the 12 position switch is a double torriod arrangement. It still has the 12 position switch, although on the 16010ST it appears to have some 'slop' in it.

OK, what's the difference? Just an improvement? Is the 901 still being sold?

And if I'm going to offer one to a friend, which one. (OK,we'll leave open the obvious question.)

Mike Yetzko
N1DVJ

Date: Sun, 12 Sep 1999 08:24:21 -0600
From: "Roy" <ab7ce@email.msn.com>
To: <clemens@wvwc.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50126] Re: FS Ten-Tec Scout Station - Mint
Message-ID: <003601befd2a\$82c2a280\$3ec7fad0@pavilion>

I personally object to using QRP-L as an ebay assist. In my opinion ebay has seriously over inflated the value of hamgear. If you have an Item to sell, to us, put a price on it and list it. Roy, AB7CE

-----Original Message-----

From: clemens <clemens@wvwc.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, September 12, 1999 7:33 AM
Subject: FS Ten-Tec Scout Station - Mint

>Please see ebay item #163072566

>--

>Rich Clemens

>kb8aob@aol.com

>

>

>

Date: Sun, 12 Sep 1999 08:35:26 -0600

From: "Roy" <ab7ce@email.msn.com>

To: <Andreas@atltech.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [50127] Re: 706 MK2 Mods

Message-ID: <003d01befd2c\$0ef554e0\$3ec7fad0@pavilion>

Well, I don't know about that. Page 46 and 47 of my manual have setups for offsets, and setting 17 sets the FM offsets, with my defaults are the standard offsets. Works for me. Roy AB7CE

-----Original Message-----

From: Andreas Junge <Andreas@atltech.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Sunday, September 12, 1999 1:36 AM

Subject: RE: 706 MK2 Mods

>Erv,

>

>the 706 and 706 MK II do not have Auto Repeater Offset. There is a PIC based

>kit from K06YD that hooks into the serial interface of the 706 (MK II) and

>programs the offset. It's abt \$29 for the kit. 2M, 6M and 10M are supported

>with the different offsets.

>

>The email I have is : ko6yd@jps.net

>

>73,

>

>Andreas, N6NU

>Menlo Park, CA

>

>PS: Usual disclaimer - just a happy user ...

>

>> -----Original Message-----

>> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
>> J. Ervin Bates
>> Sent: Saturday, September 11, 1999 10:13 PM
>> To: Low Power Amateur Radio Discussion
>> Subject: 706 MK2 Mods
>>
>>
>> Hi Gang:
>>
>> Working on getting my ICOM 706 MK2 setup tonight and wondered if anyone
>> knows where I can find some modifications for it. Specifically, I am
>> looking for the mod to activate the Auto Repeater Offset. I'll
>> be using it
>> on 2m, as well as 6 and HF and I hear they have one for it, so I
>> would love
>> to find it.
>>
>> If you have this information, or any others, please reply direct
>> and thanks
>> in advance.
>>
>> 72/73,
>> Erv W8ERV
>>
>>
>>
>>
>
>

Date: Sun, 12 Sep 1999 10:40:31 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ab7ce@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50128] Re: FS Ten-Tec Scout Station - Mint
Message-ID: <000801befd2c\$c94fef80\$226afea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree. This should not turn into an alternate ad for EBay.

I don't object to items being offered here.

I don't even object to items being offered here AND offered elsewhere.

But I DO object to items offered here as a 'go elsewhere to buy'. In my mind, that has crossed an invisible line that puts it in the same category as SPAM from EBay.

If you put the ad here, ACCEPT OFFERS FROM HERE, or don't put the ad here.

Mike Yetsko
N1DVJ

-----Original Message-----

From: Roy <ab7ce@email.msn.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, September 12, 1999 10:30 AM
Subject: Re: FS Ten-Tec Scout Station - Mint

>I personally object to using QRP-L as an ebay assist. In my opinion ebay
>has seriously over inflated the value of hamgear. If you have an Item to
>sell, to us, put a price on it and list it. Roy, AB7CE

>-----Original Message-----

>From:
>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Date: Sunday, September 12, 1999 7:33 AM
>Subject: >
>
>>Please see ebay item #
>>--

Date: Sun, 12 Sep 1999 10:46:34 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [50129] Fw: FS Ten-Tec Scout Station - Mint
Message-ID: <19990912.104635.-74269.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Rich:

EBay is not an option for those of us on Juno, those using a dial-in connection with a shell account and a Pine server, those of us utilizing an in-house company account thru the company server and those with adaptive technology due to visual impairment.

Also, considering that prices on EBay are 100% - 2000% over the real world (in most cases), it's not very popular here on the QRP-L.

Do you have a "real" price for us, or just an EBay price?

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

----- Forwarded message -----

From: "clemens" <clemens@wvwc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Sun, 12 Sep 1999 09:33:13 -0400
Subject: FS Ten-Tec Scout Station - Mint
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3

Please see ebay item #163072566

--

Rich Clemens
kb8aob@aol.com

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Date: Sun, 12 Sep 1999 08:25:23 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: Arjen.Raateland@vyh.fi
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50130] Re: TiCK & 2N2/40
Message-ID: <37DBC5E3.5A5750C1@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The usual way to connect a TiCK is with a voltage bridge from the sidetone o/p (Pin 3) to ground. The coupling cap (0.01-0.1 uF) is connected to the tap on the bridge. Values are radio-dependent; for one radio they are: resistor to Pin 3 is 4.7K, resistor to ground is 8.2K. Keeping the total roughly the same, but increasing the Pin 3 resistor, should reduce the sidetone level .. and vv.

Phil

Arjen Raateland wrote:

>
> M. Monninger wrote:
> >
> > I'm trying to integrate a TiCK 2B into my 2N2/40. I'm having a bit of a
> > problem injecting the TiCK's audio into the 2N2's audio amp. It's way too
> > loud. I'm feeding the TiCK audio into a .1uF cap and then thru about 8M of
> > resistors into the input of the audio amp (high side of the volume pot).
> > I've disabled the 2N2's sidetone so that isn't getting into it. Would a
> > smaller cap help? What would be a good value? Is there a better point to
> > inject the audio?
> >
> > FWIW, I also have a FreqMite from SWL in the 2N2 and it works fine. I'm
> > feeding its audio into the volume pot as above thru 6M of resistors and
> > that seems about right.
> >
> > Any suggestions will be appreciated.
>
> Hi,
>
> Often sidetone signals are not pure sinewaves. By using a smaller
> coupling cap you will favour the higher harmonics and make the tone not
> only weaker, but also give it a different sound. It may become more
> difficult to 'spot' tune, too.
>
> I suggest you change the resistive part of the coupling components or
> both capacitive and resistive parts.
>
> Upon looking closer over the details you gave in your message, I would
> say, connect a trimmer pot to ground from one of the joints in the
> series circuit of the resistors totalling 8 MOhm. Play with the trimmer
> position & perhaps resistor values. Afterwards you can replace the
> trimmer with a fixed resistor, if you like. (It would be impractical to
> adjust only the series resistors (8MOhm).)
>
> Of course you could also use a trimmer as a volume control right after
> the coupling cap and feed the 8 MOhm string from the wiper on the

> trimmer.
>
> gl es cheerio,
> --
> Arjen Raateland
> OH2ZAZ
>
> Finnish Environment Institute, Helsinki
>
> AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sun, 12 Sep 1999 10:58:18 -0400
From: Bill B Lazure <n2tpa@juno.com>
To: QRP-L@Lehigh.edu
Subject: [50131] Re: more on my fictional vfo
Message-ID: <19990912.112705.7174.3.N2TPA@juno.com>

Gang,

My two cents at work here!

Pretty high clock speed; maybe 150MHz to allow this to go up to 6 meters. A four or eight bit "range" input, to allow you to select any two MHz segment using a diode matrix and rotary switch. Then, 3 pins (at least I think it can be done with three) to tie directly to an optical encoder for main tuning. A couple of pins taken out to determine the rate of the main tuning knob (100KHz, 1KHz, 100Hz, 10Hz). Outputs for a basic LCD, and if we're real lucky, a MIC IN pin with selectable USB/LSB/AM pins.

Just wishful thinking.

Bill
W2EB

Robert McConnell writes:

>So what are the basic specs for your dream chip?
>
>Bob McConnell
>N2SPP

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 12 Sep 1999 12:29:23 -0400
From: Bill Cotter <bcotter@pop.uky.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "clemens" <clemens@wvwc.edu>
Subject: [50132] e-Bay police waste bandwidth
Message-ID: <3.0.5.32.19990912122923.00ab2490@pop.uky.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rich's one liner caused 10k in crybaby replys. Using the del key
reduces emissions significantly.....

Bill Cotter	Mail: bcotter@pop.uky.edu
Technical Systems Project Manager	ICQ: 13117266
VPIS Special Projects Office	Pager: (606) 259-6082
McVey Hall, Room-100	Phone: (606) 323-6474
University of Kentucky	FAX: (606) 323-1978
Lexington, KY 40506-0045	Home: (606) 887-5563,2402

Date: Sun, 12 Sep 1999 12:39:39 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [50133] Re: e-Bay police waste bandwidth
Message-ID: <002701befd3d\$6c62cfc0\$cd1205d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Quick, we are still in the early stages. Add e-bay to your filters. :)))

73 de Vince, VE3VFN.

Date: Sun, 12 Sep 1999 10:43:01 -0600
From: "Roy" <ab7ce@email.msn.com>

To: <bcotter@pop.uky.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50134] Re: e-Bay police waste bandwidth
Message-ID: <004801befd3d\$e1bdd760\$9dc7fad0@pavilion>

-----Original Message-----

From: Bill Cotter <bcotter@pop.uky.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, September 12, 1999 10:33 AM
Subject: e-Bay police waste bandwidth

>Rich's one liner caused 10k in crybaby replys. Using the del key
>reduces emissions significantly.....

>

And so, in classic hypocrisy, you add to the bandwith with your crybaby
reply.

Date: Sun, 12 Sep 1999 12:40:58 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: guillotstutoring@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50135] Re: ARRL Handbook 2000
Message-ID: <37DBD799.9BA2DC5D@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I like leather bindings also. The binding will outlast the cheap
newsprint paper used in my last handbook. Maybe someone could print the
edition using acid free paper that will last for a while?

Henry

Date: Sun, 12 Sep 1999 13:16:11 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Roy <ab7ce@email.msn.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

tag lines, and a lot of the uucp lined machines were 300baud! I thought I was living high on the farm when I got a DC1200 modem for my Radio Shack Xenix machine!)

>On Sun, 12 Sep 1999, Roy wrote:

>>

>> >Rich's one liner caused 10k in crybaby replys. Using the del key

>> >reduces emissions significantly.....

>> >

>> And so, in classic hypocrisy, you add to the bandwidth with your crybaby
>> reply.

>>

>And so on, and so on, and so on.....

>Yes, I'm doing my part too, and I don't even have any idea what started

>this! :-)) I generally ignore these useless threads, which is the only

>effective way that I can contribute to their end.

Date: Sun, 12 Sep 1999 10:50:03 -0700

From: Phil Wheeler <w7ox@mindspring.com>

To: henryf@quartz.gly.fsu.edu

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [50138] Re: ARRL Handbook 2000

Message-ID: <37DBE7CB.CF62E538@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Henry Freedenberg wrote:

>

> I like leather bindings also. The binding will outlast the cheap
> newsprint paper used in my last handbook. Maybe someone could print the
> edition using acid free paper that will last for a while?

>

Likely so, Henry. But I have ARRL manuals from the sixties that are still in good shape, since I buy a new one every 4-5 years.

The leather does have a definite "collector's appeal" though. If I had one, I'd likely get a "regular" one to use, just to keep the leather one pristine in all respects (e.g., no solder blobs).

Phil

Date: Sun, 12 Sep 1999 14:00:55 -0400
From: osier <osier@northnet.org>
To: qrp-l@lehigh.EDU
Subject: [50139] Radio St. Helena Freqs
Message-ID: <37DBEA57.8D4472DA@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All !!!!!!!

Sorry about the bandwidth!!!

Just wondering if anyone knew of frequencies for Radio St. Helena due to
broadcast on
Oct 23 ??????????.....only on once a year so sorta rare

Tnx es 73s

George Osier N2JNZ/QRP

Date: Sun, 12 Sep 1999 12:03:12 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50140] Re: e-Bay police waste bandwidth
Message-ID: <05dc01befd49\$20bab720\$0200000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

> Quick, we are still in the early stages. Add e-bay to your filters. :)))

This sounds like a viable solution. Last time I did filtering for the QRP-L
list I had over 50% filtered out. Time to check again.

72

Ron - KD7VD

Date: Sat, 11 Sep 1999 11:07:49 -0700
From: "Andreas Junge" <Andreas@atltech.com>
To: <mitch96@pobox.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50141] RE: Antenna Question
Message-ID: <000c01befc80\$8ef755a0\$0109010a@ANDI2000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> All kidding aside it would be interesting to see where the
> long wire is resonant. Also the feed line
> resonance. If you could cut these puppies to multiples of the
> frequency you want, i bet the tuner would have
> a easier job of it, no?

Well, this looks like a good use for the MFJ 259 antenna analyser.

Andreas, N6NU
Menlo Park, CA
K2 #00014

Date: Sun, 12 Sep 1999 14:18:01 -0400
From: "aluscre" <aluscre@neo.rr.com>
To: qrp-1@Lehigh.EDU
Subject: [50142] Cheap case for TenTec 1054
Message-ID: <19990912181751.AAA10157@roadrunner.neo.lrun.com@neo.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

A cheap & easy enclosure for the Ten Tec 1054 Regen Kit is an VCR tape case.

Drill a dozen or so holes where speaker sill mount to create a grill then hot

glue in place.

Use double sided tape to secure board and batteries.

A sharp x-acto knife takes care of all knob and button holes.

I also added an LED power indicator

Photos available by e-mail to me.

--

```
|-----|  
| Anthony A. Luscre      |  
| KA8NRC                |  
|      Stow, Ohio      |  
|-----|
```

Date: Sun, 12 Sep 1999 14:23:54 -0400
From: marklori@visuallink.com
To: qrp-1@Lehigh.EDU
Subject: [50143] NC20 Output Spectrum Purity
Message-ID: <3.0.6.32.19990912142354.0079bcf0@visuallink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

<<Oh, and in the future, if anyone has a problem with the NC20 or Red Hot Radio rigs, I'd appreciate you giving me the chance to cure the issue quietly and privately, only opening up the issue to the public forum if you get no satisfaction from me. I don't appreciate the panic and extra email that emails like Bob's generates. Thanks.>>

I know these kind of things can be a hassle for Dave, but it's amazing to me how well he responded to the problem. With support and willingness to help like that how could anyone have a doubt about thier chances of success with one of his kits? I've been wanting a 20m rig and this just sold me on which one to get when I get my pennies scraped together!

My apologies if this has become a much commented on topic. I'm in digest mode here and won't know until later this evening.

72
Mark Kesner, KC4GIA
Winchester, VA

Date: Sat, 11 Sep 1999 11:29:05 -0700

From: "Andreas Junge" <Andreas@atltech.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50144] RE: 706 MK2 Mods
Message-ID: <000f01befc83\$8770e230\$0109010a@ANDI2000>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Roy,

yes and no ! There is a default repeater offset you can set. Unfortunately only one - plus OR minus. It can be set in the menu and you have to apply it yourself.

The Auto Repeater Offset add-on will look at the current frequency and decide if you are within the repeater band and apply the appropriate offset for you - plus OR minus - automatically while you tune. It will automatically revert to simplex as you leave the repeater sub-bands.

BTW, Icom included this feature in the new 706 MK II G - therefore a lot of users must have asked for it...

Andreas, N6NU
Menlo Park, CA
K2 #00014

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Roy
> Sent: Sunday, September 12, 1999 7:35 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: 706 MK2 Mods

>
>

> Well, I don't know about that. Page 46 and 47 of my manual have setups for
> offsets, and setting 17 sets the FM offsets, with my defaults are the
> standard offsets. Works for me. Roy AB7CE

> -----Original Message-----

> From: Andreas Junge <Andreas@atltech.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Date: Sunday, September 12, 1999 1:36 AM
> Subject: RE: 706 MK2 Mods

>
>

> >Erv,

> >

> >the 706 and 706 MK II do not have Auto Repeater Offset. There is a PIC

> based
> >kit from K06YD that hooks into the serial interface of the 706
> (MK II) and
> >programs the offset. It's abt \$29 for the kit. 2M, 6M and 10M
> are supported
> >with the different offsets.
> >
> >The email I have is : ko6yd@jps.net
> >
> >73,
> >
> >Andreas, N6NU
> >Menlo Park, CA
> >
> >PS: Usual disclaimer - just a happy user ...
> >
> >> -----Original Message-----
> >> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On
> >> Behalf Of
> >> J. Ervin Bates
> >> Sent: Saturday, September 11, 1999 10:13 PM
> >> To: Low Power Amateur Radio Discussion
> >> Subject: 706 MK2 Mods
> >>
> >>
> >> Hi Gang:
> >>
> >> Working on getting my ICOM 706 MK2 setup tonight and wondered if anyone
> >> knows where I can find some modifications for it. Specifically, I am
> >> looking for the mod to activate the Auto Repeater Offset. I'll
> >> be using it
> >> on 2m, as well as 6 and HF and I hear they have one for it, so I
> >> would love
> >> to find it.
> >>
> >> If you have this information, or any others, please reply direct
> >> and thanks
> >> in advance.
> >>
> >> 72/73,
> >> Erv W8ERV
> >>
> >>
> >>
> >>
> >
> >
>

>
>
>

Date: Sun, 12 Sep 1999 15:03:42 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [50145] Help for a DX friend
Message-ID: <fb1e3291.250d530e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Need MRF VHF fets?

I'd need those. What about 2SC1971, INA 10386?

I can get virtually anything here, but prices leave much to be desired.

=====

Hi Gang, I'm trying to help out a DX buddy that is 100% homebrew type and parts in his Country are very expensive.

Can anyone on the list tell me if the above items are still being made and where I may buy them?

Thanks in advance

Bob

WA2HOQrp <tm>

Date: Sun, 12 Sep 1999 14:52:33 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [50146] Re: more on my fictional vfo
Message-ID: <199909121934.PAA06158@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Bill, Jerry, et all,

Someday, someone might take a DDS core and mate it with a programmable uP controller onto a single chip. If that happens, it would be possible to program it to have all the application specific functions we would want for ham radio applications.

Actually, the next generation of DDS chips could very well come with

a DSP core built in. This makes more sense than a simple uP controller, as with a DSP, you could do all kinds of fancy modulations. And seeing that Analog Devices does both DDS and DSP already, it would be easy for them... a natural progresion.

In this case it would be very possible to simply connect a microphone to one of the pins and get SSB out of the chip! Hook a computer up to another pin and get PSK31 out, or FSK or RTTY! (I hate to think what one of these would cost though)

It is most likely that control functions, like for frequency tuning, display driving and front panel controls will still be done with an external controler, as these functions need to be defined by the manufacture of the equipment to meet thier specific needs.

Only time and market demand, will tell.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 12 Sep 1999 15:55:41 -0400
From: "Perley Urquhart" <n1yuk@nemaine.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [50147] Comments
Message-ID: <00bf01befd58\$cba83360\$9f4488d0@urquhart>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hard to know what to send in here, so many take exception to things, but more comments on my experiences!! I just told the story about the little NC20 and Dave Fifield's help. Well, got more to tell, about the Small Wonders guy, Dave Benson. I have put two of his rigs together, and have had my problems with them also. Some of which has been my fault. ALL of which Dave has taken care of with the utmost expediency and courtesy! He has mailed me parts, exchanged countless emails with suggestions and solutions. Has ended up taking back both rigs and fixing them, even sent me a set of amplified speakers because the little rigs were designed to be used with earphones, and I have hearing aids plugged in to my ears!! Along with Dave Fifield, Dave Benson is a real gentleman, a great help, and knows his business. And, I have now discovered that the Small Wonder units would have been a better choice for the beginner to start with. His instructions specifically say to put the parts down on the board!! NUFF SAID!!
Thanks you guys! Perley, N1YUK

Date: Sun, 12 Sep 1999 15:56:42 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50148] FS: Modular Systems Corp (MSC) SCAF "Smart Filter"
Message-ID: <00e201befd58\$f2203920\$b67f5acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Super nice Audio Filter SSB/CW/AMTOR/RTTY, very expensive in it's day. It is a scaf filter with continuously variable bandwidth and center frequency. Has a LED visual display of the bandwidth and center freq. Comes complete with manual, sales literature and wall power cube. Bandwidth goes to 4khz which works well on am as well. \$50 shipped in the lower 48
Please email direct
thanks
Tim
NZ8J

Date: Sun, 12 Sep 1999 15:54:55 EDT
From: david vardy <davidvardyofmi@juno.com>
To: QRP-L@LEHIGH.EDU
Subject: [50149] Solar Cell 250ma 20 bucks plus shipping
Message-ID: <19990912.161027.6374.0.davidvardyofmi@juno.com>

Hi All:

I got a flyer today from The Electronic Goldmine
P O Box 5408
Scottsdale, AZ 85261
1-800-445-0697

They have a 250 ma short circuit 20 v open
circuit solar cell for \$19.95 plus shipping
Size 8 11/16 X 8 5/8 "
Weight 26oz

This is from the September 1999 flyer
SALE ends Sept 31 1999 (regular \$29.95)
Part number is G1605
Limit 4 per order
They only have 1500 left
There web site is <http://www.goldmine-elec.com/>

I bought 2 at \$29.95 each plus \$6 shipping before the sale
These are nice. This is very small size and price for 250ma.
I could only find these in this flyer, not on the web site
or regular catalog .
I have 132k JPG (solarcel.jpg) of this solar cell.

If you want this picture email me at my other email address:

davidvardyofmi2@hotmail.com

This is my first time sending to the list
Please send criticism if I could have
done this in a better way.

Anyone with ideas on using solar cells please send
them to me.

Thanks QRPers

Dave NM8H

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 12 Sep 1999 13:21:59 -0700 (PDT)
From: Gary Slagel <gdslagel@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [50150] Antenna Question: Tnx for replies
Message-ID: <19990912202159.28719.rocketmail@web209.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks to everyone for the replies on my antenna
question (loading a 20m vertical with a tuner). One
suggestion what that I get a field strength meter and
measure the darn thing!!! Not a bad idea. Found a
plan for a \$12 field strength meter at the site of
KC6WDK (<http://brink.com/brink/QRP/fsm.html>) and am
about to retire to the easy chair and a football game
to look it over. Maybe I'll be able to report my
conclusive(?) results sometime in the future.

tnx agn

73, Gary

===

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sun, 12 Sep 1999 16:35:53 EDT
From: REDSBOY@aol.com
To: qrp-1@lehigh.edu
Subject: [50151] RE: Ten-Tec Scout Station - Mint
Message-ID: <1b71cad7.250d68a9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I think Roy said it very well. If you want to put "it" up for auction on E-Bay that's fine, but keep it off this list. If you want to sell it here - price it.

Karl - W4UTI

Date: Sun, 12 Sep 1999 17:06:16 -0400
From: astone@erols.com
To: qrp-1@lehigh.edu
Subject: [50152] VFO Spectral Purity
Message-ID: <37DC15C8.318E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi - Does anyone have some notion of how clean the output of a simple analog VFO used in a typical QRP rig (NC40, SW40, etc.) is? Could someone provide actual harmonic and spurious suppression measurements or estimates? Assuming that it's fairly clean, I was wondering whether it would be possible to build a sufficiently linear amplifier chain that would minimize the need for filtering at the end? I'm kicking around some ideas for a simple multiband xcvr and would like to avoid having to switch in filters if possible. Thanks for your help.

72,

Ron (KA3J)
Bethesda, MD

Date: Sun, 12 Sep 1999 14:11:52 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: n1yuk@nemainc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50153] Re: Comments
Message-ID: <37DC1718.60179203@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Perley,

I have not built an NC-20, but I sure can second your report re DSW support from Dave Benson. My problem was *my* problem: Fried a part, and did more mischief troubleshooting it.

All is fine now, and my DSW-20 .. built for portable, AA battery ops .. is very slick! It hears well and gives me a solid 2.5 watts out at 13.8 volts.

Phil W7OX

Perley Urquhart wrote:

>
> Hard to know what to send in here, so many take exception to things, but
> more comments on my experiences!! I just told the story about the little
> NC20 and Dave Fifield's help. Well, got more to tell, about the Small
> Wonders guy, Dave Benson. I have put two of his rigs together, and have had
> my problems with them also. Some of which has been my fault. ALL of which
> Dave has taken care of with the utmost expediency and courtesy! He has
> mailed me parts, exchanged countless emails with suggestions and solutions.
> Has ended up taking back both rigs and fixing them, even sent me a set of
> amplified speakers because the little rigs were designed to be used with
> earphones, and I have hearing aids plugged in to my ears!! Along with Dave
> Fifield, Dave Benson is a real gentleman, a great help, and knows his
> business. And, I have now discovered that the Small Wonder units would have
> been a better choice for the beginner to start with. His instructions
> specifically say to put the parts down on the board!! NUFF SAID!!
> Thanks you guys! Perley, N1YUK

Date: Sun, 12 Sep 1999 17:21:46 -0400

From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50154] OFF-TOPIC Re: Radio St. Helena Freqs
Message-ID: <000f01befd64\$d3017e80\$5e3167d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi George,

Their web page is on <http://www.sthelenase.com/> . It has the announcement but no frequency, as far as I could see. The transmission will be from 19:00 Z to 24:00 Z.

It's rare, I have a QSL from their second broadcast. They are saying this could be their last broadcast on SW.

73 de Vince, VE3VFN

Date: Sun, 12 Sep 1999 17:50:25 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50155] Re: ARRL Handbook
Message-ID: <003f01befd68\$d30e2be0\$5e3167d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My oldest copy is from 1933. Nice binding and glossy paper. Great reading.

73 de Vince, VE3VFN.

Date: Fri, 10 Sep 1999 23:31:07 -0500
From: Jeff Logullo <logullo@mindspring.com>
To: qrp-1@lehigh.edu
Subject: [50156] Re: K2 screws

Message-ID: <37D9DAFE.CF3B7B16@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All this case-screw talk reminds me...

A while back I was in a giant electronics junk shop in California, and stumbled upon some bins of Dzus (sp?) fasteners. I was intrigued with the possibility of these little buggers.

Everyone likes to pop the lid to show off the guts of a homebrew rig; the Dzus fasteners looked like a neat solution. I'd like to mod the top cover of my NC20. I went so far as to hunt down a source on the Web, but after perusing the online catalog a while, I couldn't make my brain envision what would work. Tired or lazy, I shelved the idea.

Anyone have any experience or tips on using these fasteners for radio cases?

Date: Mon, 13 Sep 1999 08:05:30 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50157] OT - Scanners for PC's
Message-ID: <37DC23AA.BA5856CB@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Sorry BW, however I have been commissioned by our club (being the noted computer guru - "you can fool all of the people some of the time....." etc.) to purchase a scanner for our PC (late model).

I know a number of people here are equipped with scanners and I would like feedback on what NOT to get and what is essential to look for. What traps for new players.

Obviously we have limited budget but I don't want to save \$20 to find 3 months later "if only I had known".....

Tnx

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>
URL - <http://www.qsl.net/vk2tip/>
"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

Date: Sun, 12 Sep 1999 15:13:33 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [50158] First kit for kids?
Message-ID: <199909122213.PAA07476@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Took my 12 year old daughter to a swap meet yesterday, and in the course of it she told me that she wanted to build something.

We will do the crystal radio thing, and I will probably get the Antique Electronic Supply kit as I don't know another source of high impedance headphones. In checking their catalogue, I noticed that they have a short wave crystal radio kit, which looks interesting. Anyone have any experience with this kit.

We will also build a code practice oscillator as well.

Any other suggestions?

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Sun, 12 Sep 1999 18:16:46 -0400
From: mikemo@ibm.net
To: nkennedy@cswnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [50159] Re: Antenna Question
Message-ID: <37DC264E.A680D8DA@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nick Kennedy wrote:

> Tuner efficiency is always an issue, but surely 98% losses is going to be
> the rare case.

I was experimenting with a home-brew link coupled tuner, moving primary and secondary links with alligator clips. I found 1:1 swr at one point (non-resonant dipole), then noticed one of the antenna leads was off. I removed the antenna feed completely and still had a good match into the tuner. All 5 watts was happily being spent inside the tuner.

FWIW

72 de ku4qo

Date: Sun, 12 Sep 1999 19:00:05 EDT
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [50160] ATTN. PABLO ROBLES FROM YAUCO,PR.
Message-ID: <3d65d784.250d8a75@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Pablo, Please contact me in regards to the two QRP rigs ASAP
Thank You
Bob
WA2HOQrp <tm>

End of QRP-L Digest 1577

